

Title (en)
Sealing for electrical cable

Title (de)
Abdichtung für elektrisches Kabel

Title (fr)
Joint d'étanchéité pour câble électrique

Publication
EP 1251616 A1 20021023 (FR)

Application
EP 02290960 A 20020416

Priority
FR 0105200 A 20010417

Abstract (en)
[origin: FR2823608A1] The sealing joint (10) is designed to ensure a seal around an electric cable (C). The cable can be of different section. The joint includes a block which is an elastically deformable seal. The sealing part has a succession of different section coaxial slots (50a,50b,50c) and ribs made from an elastically deformable material which are parallel to each other and perpendicular to the alignment axis of the slots. The ribs are formed to overlap each other. The slot (50a,50b,50c) sections are decreasing from an internal face of the block, but do not occur on its external face. The joint consists of two half sections (15) having a rigid support (25) fitted with a semicircular notch (30) containing the elastically deformable material (Styrene-Ethylene-Butylene-Styrene) in which are cutouts forming the slots when the faces of the half joints are clamped together.

Abstract (fr)
Un joint d'étanchéité (10) adapté à assurer l'étanchéité autour d'un câble, le câble pouvant avoir différentes sections, comporte un bloc de matière déformable élastique étanche (20). Le bloc de matière déformable étanche (20) comporte une succession d'évidements (50a, 50b, 50c) sensiblement coaxiaux et de sections différentes et des lamelles s'imbriquant les unes entre les autres. <IMAGE>

IPC 1-7
H02G 3/08; **H02G 15/013**

IPC 8 full level
H02G 3/08 (2006.01); **H02G 15/013** (2006.01)

CPC (source: EP)
H02G 3/085 (2013.01); **H02G 3/088** (2013.01); **H02G 15/013** (2013.01)

Citation (search report)

- [X] WO 8910021 A1 19891019 - RAYCHEM CORP [US]
- [X] WO 9741474 A1 19971106 - WHITAKER CORP [US]
- [A] US 4839471 A 19890613 - CLARK GORDON P [CA], et al
- [AD] FR 2492151 A2 19820416 - MOREL ATEL ELECTROMECC [FR]
- [A] DE 19757282 A1 19980702 - YAZAKI CORP [JP]

Cited by
CN111384631A; FR2982454A1; DE10300264A1; WO2004064202A1

Designated contracting state (EPC)
DE ES GB IT

DOCDB simple family (publication)
EP 1251616 A1 20021023; **EP 1251616 A8 20030806**; **EP 1251616 B1 20040204**; DE 60200198 D1 20040311; DE 60200198 T2 20040902; ES 2215975 T3 20041016; FR 2823608 A1 20021018; FR 2823608 B1 20040130

DOCDB simple family (application)
EP 02290960 A 20020416; DE 60200198 T 20020416; ES 02290960 T 20020416; FR 0105200 A 20010417